Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the present application.

Listing of Claims

Claims 1-40 (cancelled)

41. (new) A monoclonal antibody or antigen-binding portion thereof, wherein:

a) the light chain variable region comprises a peptide with the sequence shown in SEQ ID NO:3 and the heavy chain variable region comprises a peptide with the sequence shown in SEQ ID NO:12;

b) the light chain variable region comprises a peptide with the sequence shown in SEQ ID NO:4 and the heavy chain variable region comprises a peptide with the sequence shown in SEQ ID NO:13;

c) the light chain variable region comprises a peptide with the sequence shown in SEQ ID NO:30 and the heavy chain variable region comprises a peptide with the sequence shown in SEQ ID NO:32; or

d) the light chain variable region comprises a peptide with the sequence shown in SEQ ID NO:31 and the heavy chain variable region comprises a peptide with the sequence shown in SEQ ID NO:33.

42. (new) The monoclonal antibody or antigen-binding portion thereof of claim 41, which comprises a heavy chain constant region selected from the group consisting of IgG_1, IgG_2, IgG_3, IgG_4, IgA, IgE, IgM, and IgD.

43. (new) The monoclonal antibody or antigen-binding portion thereof of claim 41, which comprises a kappa or lambda light chain constant region.

44. (new) The monoclonal antibody or antigen-binding portion thereof of claim 41, which is a Fab fragment, a $F(ab')_2$ fragment, or a single chain Fv fragment.

45. (new) The monoclonal antibody or antigen-binding portion thereof of claim 41, wherein a CDR has 1 or 2 conservative amino acid substitutions or terminal deletions.

46. (new) The monoclonal antibody or antigen-binding portion thereof of claim 41, which is chimeric.

47. (new) A pharmaceutical composition, comprising the chimeric monoclonal antibody or antigen-binding portion thereof of claim 46, and a pharmaceutically acceptable carrier, diluent, or excipient.

48. (new) A method of treating obesity or a related disorder in a mammal, comprising administering to a patient in need thereof an effective amount of a chimeric monoclonal antibody or antigen-binding portion thereof of claim 46.

49. (new) The method of claim 48, wherein said related disorder is selected from the group consisting of NIDDM, Prader-Willi syndrome, an eating disorder, hyperphagia, impaired satiety, anxiety, and a gastric motility disorder.

50. (new) The method of claim 48, wherein said mammal is a human.

51. (new) The method of claim 49, wherein said mammal is a human.